

Interactive comment on “Spatio-temporal consistent bias pattern detection on MIROC5 and FGOALS-g2” by Bo Cao et al.

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Thank you for the efforts you have gone to supply the code and data your manuscript depends on. While you seem to have supplied the substance of what is required, the archiving and citation are currently not compliant with GMD policy.

Code on GitHub

GitHub is a great development and distribution platform, but it's not a persistent archive. Even GitHub themselves tell you to use Zenodo for this! Please therefore provide a persistent archive of the exact version of the code that you use. The easiest way to do this is to use the Zenodo GitHub integration. See

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<https://guides.github.com/activities/citable-code> The resulting Zenodo repository will tell you how to cite the resulting DOI. You are welcome to also provide the reference to GitHub, for example as the preferred download location for the current version of the code, but this needs to be in addition to the DOI.

Data citations are insufficiently precise

The comparison model data just points to the ESGF website. It is not clear which model data set was used. For CMIP5 ESGF provides unique data set IDs in the metadata. Please insert the relevant IDs in the code.

For GPCP, the correct citation is given at <https://data.nodc.noaa.gov/cgi-bin/iso?id=gov.noaa.ncdc:C00932#>. Once again, it's perfectly OK to also include the URL, but the citation is more permanent so should always also be used (you could also put the URL in the citation in the bibliography if you think that's neater).

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2019-107>, 2019.

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